

August 26, 2008

INFILTRATOR SYSTEMS INC.  
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Re: Description: SEWAGE TANKS, POLYETHYLENE  
Manufacturer: INFILTRATOR SYSTEMS INC.  
Product Name: SEPTIC, SEPTIC/SEPTIC, SEPTIC/PUMP, PUMP, HOLDING  
Model Number(s): TW-1250  
[39.75 IN. L.L.; 48 IN. MAX. DEPTH OF BURY; 695 G.P.D. WHEN USED AS A SEPTIC  
TANK, 395 G.P.D. WHEN USED AS A SEPTIC/PUMP TANK BASED ON A 3 YR.  
SERVICE INTERVAL FOR RESIDENTIAL WASTEWATER; FOR TANK CAPACITY PER  
INCH SEE TABLE 1.]  
Product File No: 20080465

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of August 2013.

This approval is contingent upon compliance with the following stipulation(s):

- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- Installation and servicing of this product must be in accordance with the manufacturer's instructions. A copy of the manufacturer's installation and servicing instructions must be given to the owner of the system.
- When this product receives wastewater from dwellings and is used as a septic tank, it will produce an effluent quality with a maximum monthly average value for BOD5 of greater than 30 mg/L and less than or equal to 220 mg/L TSS, or greater than 30 mg/L or less than or equal to 150 mg/L TSS, and F.O.G. of less than 30 mg/L.
- Before this product is installed a warning label meeting the requirement of Comm s. 84.25(8)(b), Wis. Admin. Code must be securely attached to the manhole cover.

Table 1- Capacity Chart  
TW- 1250  
Total Liquid Volume in Tank at Indicated Height

Inches	Total Volume (gals.)	First Comp. Volume (gal.)	Second Comp. Volume (gal.)
1	14	10	4
2	30	21	9
3	57	41	17
4	87	61	26
5	117	82	34
6	147	104	43
7	178	125	52
8	208	147	61
9	240	169	70
10	271	191	80
11	303	214	89
12	335	236	98
13	367	259	108
14	399	282	117
15	432	305	127
16	465	328	137
17	498	352	147
18	532	376	156
19	566	399	166
20	600	423	176
21	634	448	186
22	670	473	197
23	706	498	208
24	743	525	218
25	779	550	229
26	813	574	239
27	847	598	249
28	881	622	259
29	914	645	269
30	947	669	279
31	980	692	288
32	1,013	715	298
33	1,045	738	307
34	1,076	760	316
35	1,108	782	326
36	1,139	804	335
37	1,169	825	344
38	1,199	846	352
39	1,227	866	361
40	1,257	887	370
41	1,283	906	377
42	1,310	925	385
43	1,337	944	393
44	1,363	962	401
45	1,387	979	408
46	1,406	993	413
47	1,424	1,005	419
48	1,435	1,013	422
49	1,452	1,025	427

Note: Height measured from inside surface at bottom of  
corrugation in tank.

- This product is approved to use the following:
  - The tank provides 3 ports at each end (2 on sides and one on end) for inlet or outlet piping, depending upon the configuration of the site.
  - Inlet and outlet pipe diameter is 4 inches for the inlet and outlet. The pipe can be Schedule 40 or SDR 35.
  - Department approved effluent filter installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
  - Inlet/outlet pipe water tightness is provided through the use of a rubber gasket, Serco Septic-Tite gasket. A detail of the tank wall penetration is provided in the installation instructions
  - Mechanisms for pump electrical connections from riser lid or other locations through the riser must be completed in conformance with the riser manufacturer's installation instructions.
  - Compatible risers include 24-inch-diameter riser products from Polylok®, Inc., Tuf-Tite® Corporation, EZ SET, and IPEX (Ultra Rib), in addition to 24-inch-diameter corrugated pipe. Maximum riser height is per the riser manufacturer's installation instructions.
- Tank bedding shall consist of native soil (without rocks/protrusions).or a minimum of 4 inches of granular material – pea stone, sand, or gravel. Anchoring required if shallow depth to groundwater may result in 18-inch rise.

As of May 15, 2008, a copy of a successful water tightness test report for this product must be AVAILABLE FOR INSPECTION AT THE MANUFACTURER'S PLANT prior to this product being used as a POWTS holding or treatment tank in Wisconsin.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

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